**AP Biology Cellular Respiration (8.1 Outline)**

*Vocabulary*: Define in your own words

Anaerobic-

Aerobic-

NAD+-

FAD-

Briefly describe the following concepts:

Where does each carbon molecule go when the 6-carbon glucose molecule is broken down during cellular respiration?

What is the theoretical yield of ATP for each glucose molecule that goes through cell respiration?

What is the benefit of breaking down glucose slowly rather than rapidly during cell respiration?

***ABOUT THE READING:***

*After reading about this topic I learned that…*

*From the reading, write about what* ***disturbs****,* ***interests, confuses, or enlightens*** *you. Pick* ***1.***

*Write one question you have formulated about Cellular Respiration:*

*1.*

*ASSIGNED WORK:*  Create a concept map that outlines the four major phases of cellular respiration. Include the theoretical ATP yield and summarize each step in your concept map. (10 pts). You may need to consult information in other sections of this chapter to determine ATP yield.